

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An Internet telephone system for making a telephone call through the Internet, comprising:

- a) a first telephone set,
- b) a first modem coupled to the first telephone set for communicating with the Internet,
- c) a second telephone set,
- d) a second modem coupled to the second telephone set for communicating with the Internet, and
- e) a server connected to the Internet for storing a plurality of telephone numbers and an a plurality of public IP addresses respectively corresponding to the plurality of telephone numbers,

wherein said first modem, ~~after being assigned with an IP address, transmits a telephone number of the first telephone set and the assigned IP address to the server to register the telephone number and the assigned IP address in the server, and acquires an a public IP address corresponding to a telephone number of the second telephone set from the server, when the telephone number of the second telephone set is entered in the first telephone set, and then using the acquired public~~ IP address transmits a connection request to said second modem.

2. (Previously Presented) The Internet telephone system of claim 1, wherein said first modem and said first telephone set include a telephone function.

3. (Original) The Internet telephone system of claim 1,
wherein said first modem communicates with said second modem through a
public switching network if not replied from the server.

4. (Currently Amended) The Internet telephone system of claim 1,
wherein said first modem communicates with said second modem through a
public switching network if the public IP address corresponding to the telephone
number of the second telephone set is not received from the server.

5. (Currently Amended) The Internet telephone system of claim 1,
wherein said first modem communicates with said second modem through a
public switching network if not replied from the second modem when making a
connection operation to the second modem by obtaining the public IP address
corresponding to the telephone number of the second telephone set from the server.

6. (Original) The Internet telephone system of claim 1,
wherein said first modem stores registration information if not replied from
the server after transmitting registration information to the server, and transmits the
registration information again to the server to register the registration information in
the server when the telephone number is entered in the first telephone set.

7. (Currently Amended) The Internet telephone system of claim 1,
further comprising:

f) a host server of the server,
wherein if an IP address of stored in the server is a local IP address usable
within a specific network, a unique public IP address of the server and the telephone
number registered in the server are registered in the host server by relating to each
other.

8. (Currently Amended) An Internet telephone apparatus for making a
telephone call through the Internet, comprising:

- a) a telephone set, and
- b) a modem coupled to the telephone set for communicating with the Internet,

wherein said modem, after being assigned with the a public IP address, transmits a first telephone number of the telephone set and the assigned public IP address to a server connected to the Internet to register the telephone number and the assigned public IP address in the server, and acquires an-a public IP address corresponding to a second telephone number of a destination side from the server, when the second telephone number of the destination side is entered in the telephone set, and then using the acquired public IP address transmits a connection request to the destination side.

9. (Original) The Internet telephone apparatus of claim 8,

wherein said telephone apparatus communicates with the destination side through a public switching network if not replied from the server.

10. (Currently Amended) The Internet telephone apparatus of claim 8,

wherein said telephone apparatus communicates with the destination side through a public switching network if the public IP address corresponding to the telephone number of the destination side is not received from the server.

11. (Currently Amended) The Internet telephone apparatus of claim 8,

wherein said telephone apparatus communicates with the destination side through a public switching network if not replied from the destination side, when making a connection operation to the destination side by obtaining the public IP address corresponding to the telephone number of the destination side from the server.

12. (Original) The Internet telephone apparatus of claim 8,

wherein said telephone apparatus stores registration information if not replied from the server after transmitting registration information to the server, and transmits the

registration information again to the server to register the registration information in the server when the telephone number is entered in the telephone set.

13. (Currently Amended) The Internet telephone apparatus of claim 8,

wherein if the IP address of the destination side is a local IP address, a public ~~an~~ IP address of ~~either the~~ server connected to the destination side, and the telephone number of the destination side are acquired from a host server of the server, and a connection operation is made.

14. (Currently Amended) A method of making a telephone call, said method comprising the steps of:

- (a) providing a destination telephone number from a caller to a server;
- (b) finding, in said server, ~~an~~ a public IP address corresponding to said destination telephone number;
- (c) acquiring ~~in said caller the~~ a public IP address in said server corresponding to said destination telephone number;
- (d) using the acquired public IP address, transmitting a connection request from said caller to a destination having said destination telephone number; and
- (e) establishing said call to said destination having said destination telephone number based on said acquired public IP address.

15. (Currently Amended) A method of making a telephone call according to claim 14, wherein step (a) is proceeded ~~preceded~~ by the steps of assigning said destination to said public IP address; and

storing in said server said public IP address and said telephone number so that said server relates said public IP address and said telephone number.

16. (Currently Amended) Apparatus, including a server, for making a telephone call, said apparatus comprising:

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memory space in which is stored a plurality of telephone numbers and a plurality of respectively corresponding public IP addresses;

an input port for receiving one of said plurality of telephone numbers from a caller;

a transmitter for transmitting to said caller one of said plurality of public IP addresses corresponding to said one of said plurality of telephone numbers; and

an output port for transmitting a connection request from said caller to a destination and for ~~attempting to establishing~~ connection with said destination having said one of said telephone numbers based on the one of said transmitted plurality of public IP addresses corresponding to said one of said plurality of telephone numbers.